This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (canceled)

Claim 2 (currently amended): A machine-implemented method for processing a document, the machine-implemented method comprising:

a) segmenting, with a machine, the document into components; and

b) for each of the components,

i) analyzing anchors of the component,

ii) analyzing non-anchor text of the component, and

iii) re-authoring the component, wherein the act of re-authoring the component is controlled using the analysis of the anchors and the non-anchor-text of the component,

~~The machine-implemented method of claim 1~~ wherein the act of re-authoring the component is controlled based on a number of anchors in the component and a number of non-anchor words in the component.

Claim 3 (currently amended): The machine-implemented method of claim 2 ~~1~~ wherein

i) the act of analyzing anchors of the component includes determining, with the machine, a number of anchors in the component,

ii) the act of analyzing non-anchor-text of the component includes determining, with the machine, a number of non-anchor words in the component, and

iii) if the number of anchors is greater than a predetermined threshold and if the number of anchors is greater than the number of non-anchor words, then controlling the act of re-authoring the component to apply a special reformatting.

Claim 4 (currently amended): The machine-implemented method of claim 2 ~~1~~ wherein the acts of re-authoring the components of the document effectively reformat the document from a format for effectively rendering the document on a display of a first size to a format for effectively rendering the document on a smaller display.

Claim 5 (previously presented): The machine-implemented method of claim 3 wherein the predetermined threshold is three.

Claim 6 (currently amended): The machine-implemented method of claim 2 ~~1~~ wherein

i) the act of analyzing anchors of the component includes determining, with the machine, a first count to be a number of anchors in the component,

ii) the act of analyzing non-anchor-text of the component includes determining, with the machine, a second count to be a number of non-anchor words in the component, and incrementing, with the machine, the second count by the number of words in an anchor having more words than a predetermined threshold to determine a non-anchor word count, and

iv) if the first count is greater than a second predetermined threshold and if the first count is

greater than the non-anchor word count, then controlling the act of re-authoring the component to apply a special reformatting.

Claim 7 (canceled)

Claim 8 (previously presented): The machine-implemented method of claim 6 wherein the predetermined threshold is four.

Claim 9 (currently amended): The machine-implemented method of claim 2 ~~1~~ wherein the act of segmenting the document into components includes generating, with the machine, a parse tree based on the document, wherein a first node corresponding to a first component is a child of a second node of a second component if the first component is included in the second component.

Claim 10 (previously presented): The machine-implemented method of claim 9 wherein the act of re-authoring the component is controlled using (i) a number of anchors in a node corresponding to the component and all descendant nodes of the node, and (ii) a number of non-anchor words in the node corresponding to the component and all the descendant nodes of the node.

Claim 11 (previously presented): The machine-implemented method of claim 9 wherein

i) the act of analyzing anchors of the component includes determining, with the machine, a number of anchors in a node corresponding to the component and all descendant nodes of the node,

ii) the act of analyzing non-anchor-text of the component includes determining, with the machine, a number of non-anchor words in the node corresponding to the component and all the descendant nodes of the node, and

iii) if the number of anchors is greater than a predetermined threshold and if the number of anchors is greater than the number of non-anchor words, then controlling the act of re-authoring the component to apply a special reformatting.

Claim 12 (canceled)

Claim 13 (previously presented): The machine-implemented method of claim 11 wherein the predetermined threshold is three.

Claim 14 (previously presented): The machine-implemented method of claim 9 wherein

i) the act of analyzing anchors of the component includes determining, with the machine, a first count to be a number of anchors in a node corresponding to the component and all descendant nodes of the node,

ii) the act of analyzing non-anchor-text of the component includes determining, with the machine, a second count to be a number of non-anchor words in a node corresponding to the component and all descendant nodes of the node,

iii) incrementing, with the machine, the second count by the number of words in an anchor having

more words than a predetermined threshold to determine a non-anchor word count, and

iv) if the first count is greater than a second predetermined threshold and if the first count is greater than the non-anchor word count, then controlling the act of re-authoring the component to apply a special reformatting.

Claim 15 (canceled)

Claim 16 (currently amended): A machine-implemented method for processing a document, the method comprising:

a) segmenting, with the machine, the document into components;

b) for each of the components, determining, with the machine, whether or not the component is a navigation bar; and

c) for each of the components that is determined to be a navigation bar,

i) classifying, with the machine, the navigation bar as one of (A) a navigation bar of a first type, and (B) a navigation bar of a second type, and

ii) re-authoring the navigation bar, wherein the re-authoring of the navigation bar is controlled based on whether the navigation bar was classified as a navigation bar of a first type or a navigation bar of a second type,

~~The machine-implemented method of claim 15~~ wherein the act of determining, for each of the components, whether or not the component is a navigation bar is based on a number of

anchors in the component and a number of non-anchor words in the component.

Claim 17 (currently amended): The machine-implemented method of claim 16 ~~15~~ wherein the act of determining whether or not the component is a navigation bar includes

i) determining, with the machine, a number of anchors in the component,

ii) determining, with the machine, a number of non-anchor words in the component, and

iii) if the number of anchors is greater than a predetermined threshold and if the number of anchors is greater than the number of non-anchor words, then determining, with the machine, that the component is a navigation bar.

Claim 18 (currently amended): A machine-implemented method for processing a document, the method comprising:

a) segmenting, with the machine, the document into components;

b) for each of the components, determining, with the machine, whether or not the component is a navigation bar; and

c) for each of the components that is determined to be a navigation bar,

i) determining, with the machine, whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar, and

ii) re-authoring the navigation bar, wherein the re-authoring of the navigation bar is controlled using the determination of whether or not the

navigation bar is disqualified from being classified as an objectionable navigation bar, ~~The machine-implemented method of claim 15~~ wherein the act, for each of the components that is determined to be a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component has less than a predetermined number of anchors, (b) if the component has more than a predetermined percentage of words of the document, and (c) if the component is an element of a disqualified component and that disqualified component has only navigation bar elements, exists.

Claim 19 (previously presented): The machine-implemented method of claim 16 wherein the act, for each of the components that is determined to be a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component has less than a predetermined number of anchors, (b) if the component has more than a predetermined percentage of words of the document, and (c) if the component is an element of a disqualified component and that disqualified component has only navigation bar elements, exists.

Claim 20 (previously presented): The machine-implemented method of claim 17 wherein the act, for each of the components that is determined to be a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component has less than a predetermined number of anchors, (b) if the component has more than a predetermined percentage of words of the document, and (c) if the component is an element of a disqualified component and that disqualified component has only navigation bar elements, exists.

Claim 21 (canceled)

Claim 22 (currently amended): A machine-implemented method for processing a document, the machine-implemented method comprising:

a) segmenting, with a machine, the document into components by generating a parse tree based on the document, wherein a first node corresponding to a first component is a child of a second node of a second component if the first component is included in the second component;

b) for each of the nodes of the parse tree, determining, with the machine, whether or not the node corresponds to a navigation bar component; and

c) for each of the nodes that is determined to correspond to a navigation bar,

i) determining, with the machine, whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar, and

ii) re-authoring the navigation bar, wherein the re-authoring of the navigation bar is controlled using the determination of whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar,

~~The machine-implemented method of claim 21~~ wherein the act, for each of the nodes that is determined to correspond to a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component associated with the node has less than a predetermined number of anchors, (b) if the component associated with the node has more than a predetermined percentage of words of the document, and (c) if the node has a disqualified ancestor node and that all descendant nodes of the disqualified ancestor node are associated with navigation bar components, exists.

Claim 23 (currently amended): A machine-readable medium having machine executable instructions thereon, wherein when the machine executable instructions are executed on a machine, the machine:

a) segments the document into components; and

b) for each of the components,

i) analyzes anchors of the component,

ii) analyzes non-anchor text of the component, and

iii) re-authors the component, wherein the act of re-authoring the component is controlled using the analysis of the anchors and the non-anchor-text of the component,

wherein the act of re-authoring the component is controlled based on a number of anchors in the component and a number of non-anchor words in the component.

Claim 24 (currently amended): A machine-readable medium having machine executable instructions thereon, wherein when the machine executable instructions are executed on a machine, the machine:

a) segments the document into components;

b) for each of the components, determines whether or not the component is a navigation bar; and

c) for each of the components that is determined to be a navigation bar,

i) determines whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar, and

ii) re-authors the navigation bar, wherein the re-authoring of the navigation bar is controlled using the determination of whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar,

wherein the act, for each of the nodes that is determined to correspond to a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine,

whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component associated with the node has less than a predetermined number of anchors, (b) if the component associated with the node has more than a predetermined percentage of words of the document, and (c) if the node has a disqualified ancestor node and that all descendant nodes of the disqualified ancestor node are associated with navigation bar components, exists.

Claim 25 (currently amended): An apparatus for detecting navigation bars in a document, the apparatus comprising:

a) means for segmenting the document into components; and

b) means for, for each of the components,

i) analyzing anchors of the component,

ii) analyzing non-anchor text of the component, and

iii) re-authoring the component, wherein the act of re-authoring the component is controlled using the analysis of the anchors and the non-anchor-text of the component,

wherein the means for re-authoring the component control the re-authoring based on a number of anchors in the component and a number of non-anchor words in the component.

Claim 26 (currently amended): An apparatus for detecting objectionable navigation bars in a document, the apparatus comprising:

a) means for segmenting the document into components;

b) means for determining, for each of the components, whether or not the component is a navigation bar; and

c) means for, for each of the components that is determined to be a navigation bar,

i) determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar, and

ii) re-authoring the navigation bar, wherein the re-authoring of the navigation bar is controlled using the determination of whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar,

wherein the act, for each of the nodes that is determined to correspond to a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component associated with the node has less than a predetermined number of anchors, (b) if the component associated with the node has more than a predetermined percentage of words of the document, and (c) if the node has a disqualified ancestor node and that all descendant nodes of the disqualified ancestor node are associated with navigation bar components, exists.

Claim 27 (currently amended): The machine-implemented method of claim 2 ~~1~~ wherein the acts of re-authoring the components of the document effectively reformat the document from HTML to WML.

Claim 28 (currently amended): The machine-implemented method of claim 16 ~~15~~ wherein the acts of re-authoring the components of the document effectively reformat the document from HTML to WML.

Claim 29 (currently amended): The machine-implemented method of claim 22 ~~21~~ wherein the acts of re-authoring the components of the document effectively reformat the document from HTML to WML.

Claim 30 (previously presented): The machine-implemented method of claim 3 wherein the special reformatting reduces a number of display screen lines on which navigation bar information is presented.

Claim 31 (previously presented): The machine-implemented method of claim 6 wherein the special reformatting reduces a number of display screen lines on which navigation bar information is presented.

Claim 32 (previously presented): The machine-implemented method of claim 3 wherein the special reformatting replaces a navigation bar with a link to the navigation bar.

Claim 33 (previously presented): The machine-implemented method of claim 6 wherein the special reformatting replaces a navigation bar with a link to the navigation bar.